

# RASCOTight hydrophilic paste

## HYDROPHILIC SYSTEMS

### HYDROPHILIC PRODUCTS

RASCOTight hydrophilic products are made from materials with an inherent swelling capacity that expand their volume upon contact with infiltrating water. The contact pressure built up against the adjoining concrete by this expansion serves to create a watertight barrier. RASCOTight hydrophilic products can be used to waterproof construction joints and penetrations. Some products are self-adhesive while others are fixed mechanically or by (RASCObond) adhesive. The products must always be installed in such a way as to create a complete and continuous system. To prevent premature swelling of the hydrophilic strip materials, these require adequate protection against rainwater and other precipitation prior to concreting. Materials that have swollen must not be cast into the concrete.

### USE

RASCOTight hydrophilic paste is a 1-component, polyurethane-based sealant that swells upon contact with water. In addition to standard joint sealing, it is particularly suitable for waterproofing penetrations with complicated shapes, e.g. steel sections, anchor heads, cable entries etc. and for creating a waterproof junction between two different RASCOTight hydrophilic strip materials. RASCOTight hydrophilic paste only achieves its waterproofing properties after full curing.

### FEATURES

- bonds well to concrete, metal and plastics
- swells upon contact with water
- reversible swelling
- very straightforward application
- trowellable
- also for use overhead



Further product info



**LEGAL NOTICE:** The information provided on the use and application of our products in this technical data sheet is based on the present state of our knowledge. The customer shall bear sole responsibility for the proper specification, application and use of the products in line with the intended purpose, project-specific conditions and external actions. The most recent technical data sheet shall apply. The current technical data sheets are available at [www.rascor.com](http://www.rascor.com). Our General Terms of Business shall form an integral part of this technical data sheet.

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## TECHNICAL / PHYSICAL DATA

Supplied form	paste, sag-resistant
Material colour	light blue
Container type	cartridge
Container size	310 ml
Density (DIN EN ISO 2811)	approx. 1.17 g/ml
Hazardous goods/ADR	none
Waterproof up to	4 bar for penetrations 2 bar for construction joints
Theoretical swelling capacity	approx. 180 %
Storage/shelf life	9 months in original container, in dry conditions

## SUPPLY / ADDITIVES

Item no.	Product	Container	Contents
1107.9101.002	RASCOfight hydrophilic paste	box	12 pcs.

## APPLICATION / PREPARATION

The base must be at most slightly damp, free from dirt, dust, oil and grease and with an adequately dense microstructure to rule out any water infiltration around the waterproofing compound. RASCObond hydrophilic paste is applied continuously using a standard extrusion gun, such as that used for mastics, to form a uniform, approx. 10 mm bead. RASCOfight hydrophilic paste must be allowed to cure prior to concreting. Depending on the temperature and bead size, this may take between approx. 18 and 24 hours. RASCOfight hydrophilic paste must not be allowed to come into contact with water prior to casting. For extra safety, the sealing of penetrations with at least 2 or, preferably, 3 bead rings is recommended.



## GENERAL GUIDELINES / SAFETY NOTICE

RASCOfight hydrophilic paste that has already swollen must not be cast into the concrete as this may impair waterproofing performance. Also ensure that a minimum concrete cover of 10 cm is provided on all sides.

Gloves must be worn when working with RASCOfight hydrophilic paste.

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